



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CELL-0276/PA562.div	Application No. 10/684,774
	Applicant Richard S. Dondero, et al.	
	Filing Date October 14, 2003	Group Not Yet Assigned
	Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
1	Boraschi and Tagliabue, "Interleukin 1 and Interleukin 1 Fragments as Vaccine Adjuvants", <i>Methods</i>, 1999, 19, 108-113	
2	Carter, D.B., et al., "Purification, cloning, expression and biological characterization of an interleukin-1 receptor antagonist protein," <i>Nature</i>, April 1990, 344, 633-638	
3	Clore, G.M., "High-resolution three-dimensional structure of interleukin 1β in solution by three- and four-dimensional nuclear magnetic resonance spectroscopy," <i>Biochemistry</i>, 1991, 30(9), 2315-2323	
4	DeChiara, T.M., et al., "Structure-function analysis of murine interleukin 1: biologically active polypeptides are at least 127 amino acids long and are derived from the carboxyl terminus of a 270-amino acid precursor," <i>Proc. Natl. Acad. Sci.</i>, November 1986, 83, 8303-8307	
5	Dower, S.K., et al., "Detection and characterization of high affinity plasma membrane receptors for human interleukin 1," <i>J. Exp. Med.</i>, 1985, 162, 501-515	
6	Dripps, D.J., et al., "Interleukin-1 (IL-1) receptor antagonist binds to the 80-kDa IL-1 receptor but does not initiate IL-1 signal transduction," <i>J. Biol. Chem.</i>, June 5, 1991, 266(16), 10331-10336	
7	Driscoll, P.C., et al., "Complete resonance assignment for the polypeptide backbone of interleukin 1β using three-dimensional heteronuclear NMR spectroscopy," <i>Biochemistry</i>, 1990, 29(14), 3542-3556	
8	Finzel, B.C., et al., "Crystal structure of recombinant human interleukin-1β at 2.0 Å resolution," <i>J. Mol. Biol.</i>, 1989, 209, 779-791	
9	Graves, B.L., et al., "Structure of 1α at 2.7 Å resolution," <i>Biochemistry</i>, 1990, 29, 2679-2684	
10	Gronenborn, et al., "Site directed mutants of human interleukin-1α: a H-NMR and receptor binding study," <i>Federation of European Biochemical Societies</i>, April 1998, 231(1), 135-138	
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	11	Hannum, C.H., et al., "Interleukin-1 receptor antagonist activity of human interleukin-1 inhibitor," <i>Nature</i> , January 1990, 343, 336-340	
	12	Huang, J.J., et al., "Mutants of human interleukin-1 that show enhanced bioactivities," <i>FEBS Letters</i> , November 1987, 223(2), 294-298	
	13	Jobling, S.A., et al., "Biological activity and receptor binding of human prointerleukin-1 β and subpeptides," <i>J. Biol. Chem.</i> , November 5, 1988, 263, 16372-16378	
	14	Ju, G.E., et al., "Conversion of the interleukin 1 receptor antagonist into an agonist by site-specific mutagenesis," <i>Proc. Natl. Acad. Sci. USA</i> , April 1991, 88, 2658-2662	
	15	Kramer, D.R., et al., "Cytokine mediated effects in mucosa immunity," <i>Immunology and Cell Biology</i> , 1995, 73, 389-396	
	16	Lin, et al., "Present status of the use of cytokines as adjuvants with vaccines to protect against infectious diseases," <i>Clinical Infectious Diseases</i> , December 1995, 21, 1439-1449	
	17	Lofthouse, S.A., et al., "Parameters related to the application of recombinant ovine interleukin-1 β as an adjuvant," <i>Vaccine</i> , 1995, 13(14), 1277-1287	
	18	MacDonald, H., et al., "Point mutations of human interleukin-1 with decreased receptor binding affinity," <i>FEBS Letters</i> , December 1986, 209(2), 295-298	
	19	McMahan, C.J., et al., "A novel IL-1 receptor cloned from B cells by mammalian expression, is expressed in many cell types," <i>EMBO J</i> , 10(10), 2821-2832	
	20	Mosley, B., et al., "Determination of the minimum polypeptide lengths of the functionally active sites of human interleukins 1 α and 1 β ," <i>Proc. Natl. Acad. Sci.</i> , July 1987, 84, 4572-4576	
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	21	Nakai, S. et al., "A Mutant Protein of Human Interleukin-1 β with Immunostimulatory But Not Pyrogenic Potency", <i>Life Sciences</i> , 1990, 47, 1707-1714	
	22	Nash, A.D., et al., "Recombinant cytokines as immunological adjuvants," <i>Immunology and Cell Biology</i> , 1993, 71, 367-379	
	23	Priestle, J.P., et al., "The three-dimensional structure of human interleukin-1 β refined to 2.0 Å resolution," in <i>Cytokines and Lipocortins in Inflammation and Differentiation</i> , 1990, 297-307	
	24	Priestle, J.P., et al., "Crystal structure of the cytokine interleukin-1 β ," <i>The EMBO Journal</i> , 1988, 7(2), 339-343	
	25	Seckinger, P., et al., "A urine inhibitor of interleukin 1 activity affects both interleukin 1 α and 1 β but not tumor necrosis factor α ," <i>J. Immunol.</i> , September 1, 1987, 139(5)	
	26	Sims, J.E., et al., "CDNA expression cloning of the IL-1 receptor, a member of the immunoglobulin superfamily," <i>Science</i> , July 29, 1988, 241, 585-588	
	27	Spriggs, M.K., et al., "Induction of an interleukin-1 receptor (IL-1R) on monocytic," <i>J. Biol. Chem.</i> , December 1990, 265(36), 22499-22505	
	28	Staats and Ellis, "IL-1 Is an Effective Adjuvant for Mucosal and Systemic Immune Responses When Coadministered with Protein Immunogens" <i>The Journal of Immunology</i> , May 15, 1999, 162, 6141-6147	
	29	Staats, H. F. et al., "IL-1 β Is an Effective Adjuvant for Nasal Vaccines" <i>Cytokine</i> , November, 1999, 11, 199	
	30	Wu, H.-Y., et al., "Comparison of systemic and mucosal priming for mucosal immune responses to a bacterial protein antigen given with or coupled to cholera toxin (CT) B subunit, and effects of pre-existing anti-CT immunity," <i>Vaccine</i> , 1994, 12, 215	
EXAMINER		/Satyanarayan Gudibande/	DATE CONSIDERED 05/24/2006



Sheet 4 of 5

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)				
	31	Young, P., et al., "A site-specific mutant of IL-1 β with reduced activity but wild-type binding," <i>Lymphokine Res.</i> , 1990, 9, 599 (Abstract No. 3.55)		
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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
SG	32	5,206,014	04/27/93	Nencioni, et al.		
↓	33	5,286,847	02/15/94	Gehrke et al.	530	351
	34	5,334,379	08/02/94	Pillai, et al.		
↓	35	5,503,841	04/02/96	Doyle, et al.		
SG	36	5,847,098	12/08/98	Nakai et al.	536	23.5

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
SG	37	WO 91/01143	07/16/90	PCT		

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